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CITY OF DANVILLE, VIRGINIA

Department of Public Works Engineering Division

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October 1, 2014


Jay Roberts
VWP Project Manager
Department of Environmental Quality
Blue Ridge Regional Office
3019 Peters Creek Road, Roanoke, VA 24019

**Re: City of Danville MS4 Program Plan Annual Report (July 1, 2013 – June 30, 2014)
Permit Number VAR040018**

Dear Mr. Roberts:

Enclosed you will find a copy of the City of Danville's MS4 Program Plan Annual Report for the reporting period of July 1, 2013 – June 30, 2014. We look forward to any comments or suggestions you may have concerning our Annual Report. Any questions or comments concerning this Annual Report can be directed to my attention. I can be reached by phone at 434-799-5019 extension 251 or by email at dunevbl@danvilleva.gov.

Sincerely,


Brian L. Dunevant, P.E.
Public Works Chief Engineer

C: Joseph King, City Manager
Richard Drazenovich, Director of Public Works
Kent Shelton, Assistant Director of Public Works / City Engineer

CITY OF DANVILLE, VIRGINIA



MS4 PROGRAM PLAN ANNUAL REPORT

VSMP GENERAL PERMIT REGISTRATION NUMBER
VAR040018

REPORTING PERIOD JULY 1, 2013 – JUNE 30, 2014

MS4 Permit Number: VAR040018

MS4 Name: Danville

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Joseph King, City Manager


Date

Background Information

- **Name of Locality:** City of Danville
- **Permit Number:** VAR040018
- **Annual Report Year:** July 1, 2013 – June 30, 2014
- **Modifications to any department's roles and responsibilities:** none
- **Number of new MS4 outfalls and associated acreage by HUC added during this permit year:** 0

Status of Compliance with Permit Conditions: Overall it appears that the City of Danville is in compliance with all applicable permit conditions. The City has implemented BMPs for each of the Six Minimum Measures and will continue to review existing BMPs and policies. The status of each BMP and associated goals can be found in Section B.

Results of Information Collected and Analyzed: Monitoring data was collected at the Public Works Department complex as required by that facility's VPDES permit. All samples collected were found to be in compliance with that permit.

Summary of Stormwater Activities for Next Reporting Cycle: Program Plan updates will continue as required by the General Permit. Existing BMPs will continue to be implemented and refined as necessary.

Changes in Any Identified BMPs or Goals: There were no changes in any previously identified BMPs or Goals.

Program Plan Updates: The Program Plan has been updated to include the following program requirements:

Minimum Measure #1 – Public Education Outreach Plan – Three high priority water quality issues shall be identified along with a target audience for those issues and messages to deliver to those audiences.

Minimum Measure #3 – Illicit Discharge Procedures - An illicit discharge manual shall be developed to identify specific procedures for illicit discharge detection and elimination.

Minimum Measure #5 – Individual Special Lot Criteria – Alternative strategies to promote long term maintenance of stormwater control measures on individual residential lots will be implemented.

Minimum Measure # 5 – Operator Owned Stormwater Management Inspections Procedures – Procedures for operator owned stormwater management facilities shall be developed and utilized.

Minimum Measure #6 – Identification of Locations Requiring SWPPPs – No locations were identified as high priority facilities requiring SWPPPs. All city industrial facilities are currently covered under separate VPDES permits. These facilities will be identified in the Program Plan.

Minimum Measure #6 – Nutrient Management Plan Locations – Locations identified as requiring nutrient management plans are as follows:

Dan Daniel Park – Lat: 36.57662 Lon: -79.37166
Ballou Park – Lat: 36.57276 Lon: -79.42143
Carrington Pavilion – Lat: 36.58535 Lon: -79.38363
Anglers Park - Lat: 36.56045 Lon: -79.35901

These facilities are noted in the program plan and associated nutrient management plans will be documented.

Minimum Measure #6 – Training Schedule and Program – A training schedule will be developed and added to the Program Plan which identifies training requirements and frequency of training.

Notice of Reliance on Another Government Entity: The City of Danville does not rely on any other government entity to satisfy any of the permit obligations.

Programs Pursuant To Section II C of the General Permit: N/A

Information Required Pursuant To Section I B 9 of the General Permit: N/A

Illicit Discharges / Spills: A list of reported spills and discharges in the City's right-of-way is included at the end of this section. All reported incidents were resolved.

Other notable discharges that were discovered and corrected (all on private property): A list of discharge incidents on private property is included at the end of this section. All incidents were resolved.

Regulated Land Disturbance Activities: There were 14 new Land Disturbance permits issued between July 1, 2013 and June 30 2014 with a total disturbed area of approximately 13 acres. On July 1, 2013 there were approximately 125 acres of disturbed area permitted based on 10 existing active Land Disturbance Permits. On June 30, 2014 there were approximately 10 disturbed acres permitted based on 8 active Land Disturbance Permits.

Land Disturbance information is also submitted monthly to DEQ.

Known Permanent Stormwater Management Facility Data: Permanent stormwater management facility data was submitted to DCR in October 2009. New stormwater management facilities that were put into service during this reporting period include the following:

Type: Extended Detention

HUC 8: 03010104
Impaired Waters: N/A Treated Area: 5.00

Type: Bioretention
HUC 8: 03010104
Impaired Waters: N/A Treated Area: 2.80

Agreements with Third Parties: There were no agreements between the City and third parties for implementation of any of the minimum control measures.

Public Comments: There were no public comments concerning the Program Plan this reporting period. The Program Plan is available for review on the City of Danville's website as well at the City Engineer's office. Notification of the availability of this plan has been posted on the bulletin board on River City TV. The City of Danville welcomes comments on the Program Plan at any time during the year.

Residential Maintenance Code Cases

Location	Date	Type of Incident
HEATHER ST	9/24/13	sanitary sewer leak
KIMBERLY AVE	10/25/13	sanitary sewer leak
SOUTH ST	2/10/14	sanitary sewer improper discharge
PARKER RD	3/26/14	sanitary sewer leak
FARRAR ST	4/15/14	sanitary sewer improper discharge
WESTOVER DR	5/13/14	sanitary sewer leak
PINE ST	6/11/14	sanitary sewer improper discharge
BEAUFORT ST	6/17/14	sanitary sewer leak

Illicit Discharges

Location	Date	Incident Reported	Resolution
Westover Place	7/1/13	Restaurant washing dishes in parking lot	Restaurant made to clean storm drains
Keen ST	7/12/13	white paint running down street	No source was located - probably washing paint brushes
Wood Ave	8/30/13	dumping oil into storm	Oil was cleaned up by PW
Still St	2/3/14	Hydraulic hose leak	HAZ Mat Response
Danville Airport	5/1/14	Contractor sawcut slurry running towards	Contractor directed to contain slurry

Public Education and Outreach on Stormwater Impacts

Public Education and Outreach on Storm Water Impacts

BMP 1.1: Stormwater pollution prevention information

Existing: printed material, media sources

Responsibility for Implementation: Public Works

BMP Objective: To provide access to stormwater pollution prevention information to the citizens of Danville

Expected Results: Increased knowledge by citizens concerning stormwater pollution prevention

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- An article will be published at least once annually in an internal publication concerning residential stormwater pollution and how it can be reduced or prevented.

STATUS: Articles are periodically published in the Public Works newsletter concerning stormwater pollution prevention.

- Printed material will be placed at various locations around the city concerning residential stormwater pollution and how it can be reduced or prevented.

STATUS: Stormwater pollution prevention printed material is available at various locations around the city including at City Hall, the Parks and Recreation Department, and the Public Works Department.

- The city's website will be modified to include tips for residential stormwater pollution prevention.

STATUS: The city's website has been modified to include tips for residential stormwater pollution prevention.

- Information will be posted on the River City TV bulletin board about household stormwater pollution prevention.

STATUS: Information is periodically posted on the River City TV bulletin board about household stormwater pollution prevention.

- The City will present the video “After the Storm” on the local government access channel.
STATUS: This video is periodically shown on River City TV.

BMP 1.2: Water conservation tips

Existing: Printed materials, website information

Responsibility for Implementation: Public Works, Danville Utilities

BMP Objective: Education of the general public about the benefits of water conservation

Expected Results: Greater public knowledge of the benefits of water conservation practices

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The city’s website will be modified to include tips for water conservation.
STATUS: The city’s website includes tips for water conservation. Tips are listed under both the Public Works and Danville Utilities pages.

BMP 1.3: Pet Waste Management

Existing: Pet Waste Ordinance

Responsibility for Implementation: Public Works, Parks and Recreation

BMP Objective: Education of citizens concerning impacts of pet waste on stormwater pollution

Expected Results: Increased public knowledge and modified behavior concerning pet waste

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

-
- Printed material will be placed at various locations around the city concerning the importance of pet waste management.
STATUS: Printed material is available at various locations around the city that discusses the importance of pet waste management. Signs have also been posted at various public recreation areas about picking up pet waste.
 - Information will be posted on the city's website concerning the importance of pet waste management.
STATUS: Information has been posted on the city's website concerning the importance of pet waste management.
 - Information will be posted on the River City TV bulletin board about the importance of pet waste management.
STATUS: Information is periodically posted on the River City TV bulletin board about the importance of pet waste management.
 - A pet waste ordinance requiring pet waste pick-up on public property will be submitted to City Council for consideration.
STATUS: A pet waste ordinance was submitted to City Council and was passed October 22, 2009.

BMP 1.4: Priority on reducing impacts to listed impaired waters and other local water pollution concerns

Existing: Impaired Waters Map

Responsibility for Implementation: Public Works

BMP Objective: Education of citizens concerning impaired waters in the City of Danville

Expected Results: Increased public knowledge of impaired waters in Danville

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- A map of impaired waters in the city as defined by the Department of Environmental Quality (DEQ) will be posted on the City's website.

STATUS: A map of impaired waters located in the city is available on the city's website.

- Any other water pollution concerns will be also be listed on the city's website.

STATUS: Other water pollution concerns have been listed on the city's website.

- A reduction of impacts on these waters will be emphasized.

STATUS: The reduction of impacts on impaired waters is emphasized on the website.

BMP 1.5: Increased City employee knowledge concerning illegal discharges

Existing: Information

Responsibility for Implementation: All departments

BMP Objective: Education of city employees concerning illegal discharges

Expected Results: Increased City employee knowledge of the hazards of illegal discharges

Implementation Schedule: Currently implemented.

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Information will be made available to City employees via the City website, newsletters, or other forms of internal media concerning hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.

STATUS: Information is available on the City's website concerning hazards associated with illegal discharges and improper disposal of waste including pertinent legal implications.

BMP 1.6: Increased businesses knowledge concerning illegal discharges

Existing: Website

Responsibility for Implementation: Public Works

BMP Objective: Education of businesses concerning illegal discharges

Expected Results: Increased business knowledge and modified behavior

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Information will be posted on the city's website concerning hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.
STATUS: Information has been posted on the city's website targeting businesses concerning illegal discharges with legal implications.
- Information will be listed on the city's website concerning hazards associated with illegal discharges and improper disposal of waste.
STATUS: Information is listed on the city's website.

BMP 1.7: Increased general public knowledge concerning illegal discharges

Existing: Website, River City TV

Responsibility for Implementation: Public Works

BMP Objective: Education of citizens concerning illegal discharges

Expected Results: Increased public knowledge and modified behavior

Implementation Schedule: Currently implemented.

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Information will be placed at various locations around the city concerning hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications. This information may also contain other stormwater pollution information.
STATUS: Information has been placed at various locations.
- Information will be posted on the city's website concerning hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.
STATUS: Information is posted on the city's website.

- Information will be periodically posted on the River City TV bulletin board concerning hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.

STATUS: Information is periodically posted on the River City TV bulletin board.

BMP 1.8: Encourage and assist with stream clean ups

Existing: Parks and Recreation sponsors a river cleanup day annually

Responsibility for Implementation: Parks and Recreation

BMP Objective: To promote public involvement in removal of trash from local waterways

Expected Results: More public interest in cleaning up local waterways, more public awareness about pollution

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Local groups will be encouraged and assisted by the city to have waterway cleanup days each year.

STATUS: The city will continue to encourage and assist with stream cleanups.

- Stream clean ups will be promoted using fliers (or other informational bulletins), the city's website, and/or the River City TV bulletin board.

STATUS: River cleanups are advertised and promoted in the Parks and Recreation publications "Recreation Rex" and/or "City Currents".

- The date and location of any cleanup and number of participants and the amount of trash collected during each cleanup will be documented.

STATUS: A river cleanup along the Dan River was sponsored by Parks and Recreation on September 28, 2013 there were approximately 27 participants that collected 20 bags of trash. There was also a cleanup sponsored on May

3, 2014 and there were approximately 70 participants that collected about 25 bags of trash.

- Danville Parks and Recreation will sponsor one waterway cleanup day each year.

STATUS: Two river cleanup days were sponsored during this permit term.

BMP 1.9: Target Audiences (Garden Clubs & Civic Groups)

Existing: City horticulturalist speaks at a local garden club or civic group meeting

Responsibility for Implementation: Public Works

BMP Objective: Educate specific audiences about stormwater pollution and proper lawn care practices

Expected Results: Greater understanding of the target audience of stormwater pollution

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary. The goal below may have to be revised because the Horticulturalist is working on a part time basis and may not be able to fulfill the goal going forward.

Measurable Goals and Status of each Goal:

- The city will have a designated speaker at a local garden club and/or local civic group meeting when possible to discuss stormwater pollution prevention and good lawn care practices. Informational handouts will also be offered at each engagement.

STATUS: The city's Horticulturalist has spoken at garden club meetings in the past and has included discussions of the effectiveness of rain gardens with regards to stormwater pollution.

BMP 1.10: Outreach to Neighborhood Organizations

Existing: Fliers

Responsibility for Implementation: Public Works / Housing and Development

BMP Objective: Educate specific audience about stormwater pollution

Expected Results: Greater understanding by the target audience of stormwater pollution

Implementation Schedule: Completed

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City will distribute stormwater pollution prevention information to the president or contact person for the nine local neighborhood organizations.

STATUS: Information was distributed by the city to the president or contact person for each of the nine local neighborhood organizations.

BMP 1.11: Outreach to grade school students

Existing: Parks and Recreation Programs

Responsibility for Implementation: Parks and Recreation

BMP Objective: Educate grade school students about stormwater pollution

Expected Results: Greater understanding of the target audience of stormwater pollution

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Information will be distributed relating to stormwater pollution prevention to participating grade schools.

STATUS: Stormwater pollution prevention information is distributed to students by Parks & Recreation during the Enviroscope presentations.

BMP 1.12: Enviroscope demonstration for elementary school students

Existing: Enviroscope model

Responsibility for Implementation: Parks and Recreation

BMP Objective: Educate elementary school children about stormwater pollution and its effects on the environment

Expected Results: Greater understanding by elementary school children about stormwater pollution and its effects on the environment

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City will make efforts to contact local schools about making presentations with the enviroscape model.

STATUS: The Danville Parks and Recreation Department annually contacts local schools about making EnviroScape presentations.

- Any presentations made will be documented.

STATUS: The Danville Parks and Recreation Department conducted 1 EnviroScape presentation for approximately 65 children.

BMP 1.13: Targeted strategies towards local engineers and contractors

Existing: Periodic meetings with local engineers and contractors

Responsibility for Implementation: Public Works

BMP Objective: Educate local engineers and developers about changing stormwater regulations or requirements

Expected Results: Better stormwater management plans and better construction site control

Implementation Schedule: Implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The city will hold an information session for local contractors and developers anytime there is a change to the existing city ordinances or requirements concerning erosion and sediment control or stormwater management. The city will document the date of any meetings, attendance, and any suggestions that were made to the city during or as a result of the meeting.

STATUS: A meeting was held with local contractors in June 2014 concerning the new VSMP stormwater requirements.

- The city will hold an information session for local engineering firms anytime there is a change to the existing city ordinances or requirements concerning erosion and sediment control or stormwater management or if there are in changes to the VSMP construction permit. The city will document the date of any meetings, attendance, and any comments that were made to the city during or as a result of the meeting.

STATUS: A meeting was held with local engineers in June 2014 concerning the new VSMP stormwater requirements.

BMP 1.14: Targeted strategies towards local lawn care providers

Existing: Printed material, website

Responsibility for Implementation: Public Works

BMP Objective: Educate local lawn care providers about how they can help reduce stormwater pollution

Expected Results: Less water quality impacts from commercial lawn care operations

Implementation Schedule: Implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Information concerning stormwater pollution from fertilizers and yard waste will be distributed to all local listed lawn care service providers in the city.

STATUS: Information was mailed to local lawn care providers concerning good lawn care practices to prevent stormwater pollution prevention.

- Information will be posted on the city's website and the River City TV bulletin board.
STATUS: Information about lawn care practices is posted on the city's website and periodically on River City TV.

Public Involvement / Participation

Public Involvement/Participation

BMP 2.1: Promotion of availability of MS4 Program Plan

Existing: Access to a hard copy of the MS4 Program Plan is available at the Public Works Engineering office. Access to the plan is also available on the city's website.

Responsibility for Implementation: Public Works

BMP Objective: To provide public access to the MS4 Program Plan

Expected Results: More public knowledge, interest, and comments concerning the MS4 Program Plan

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City will promote the availability of the MS4 Program Plan. Any ordinance modifications associated with the Plan will be advertised for public review and comment.

STATUS: The availability of the Program Plan is advertised on the River City TV bulletin board and on the city's website. Any ordinance modifications will be advertised for public comment.

- Copies of the MS4 Program Plan will be made available to any interested parties upon request. The contents of the MS4 Program Plan will also be made available on the City's website.

STATUS: The contents of the Program Plan are posted on the city's website and printed copies are available to interested parties upon request. Plan updates from the previous period are posted on the website by November 1st.

- The City will document and consider all comments received from the public concerning the Program Plan.

STATUS: No comments have been received from the public during this permit year concerning the Program Plan.

BMP 2.2: Access to annual report

Existing: Access to the annual report is available at the Engineering office and on the city's website.

Responsibility for Implementation: Public Works

BMP Objective: To provide the public access to the annual report

Expected Results: More public knowledge, interest, and comments concerning the MS4 annual reports

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The annual report shall be made available on the city's website.
STATUS: The current annual report is posted on the city's website by November 1st.
- The City will document and consider all comments received from the public concerning the annual reports.
STATUS: No comments were received concerning the 2012 / 2013 annual report.

BMP 2.3: Creeks, streams, and river cleanups

Existing: Parks and Recreation currently sponsors at least one river cleanup day annually.

Responsibility for Implementation: Parks and Recreation

BMP Objective: To promote public involvement in removal of trash from local waterways

Expected Results: More public interest in cleaning up local waterways, more public awareness about pollution

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Local groups will be encouraged and assisted by the city to have waterway cleanup days each year.
STATUS: The City will continue to encourage and assist with stream cleanups each year.
- Stream clean ups will be promoted using printed material, the city's website, and/or the River City TV bulletin board.

STATUS: River cleanups are advertised and promoted in the Parks and Recreation publications "Recreation Rex" and "City Currents".

- The date and location of any cleanup and number of participants and the amount of trash collected during each cleanup will be documented.

STATUS: A river cleanup along the Dan River was sponsored by Parks and Recreation on September 28, 2013 there were approximately 27 participants that collected 20 bags of trash. There was also a cleanup sponsored on May 3, 2014 and there were approximately 70 participants that collected about 25 bags of trash.

- Parks and Recreation will sponsor one waterway cleanup day each year.

STATUS: Parks and Recreation sponsored two river cleanups during this reporting period.

BMP 2.4: Citizen reporting

Existing: Contact number

Responsibility for Implementation: Public Works

BMP Objective: Specify how citizens can contact the City with stormwater pollution concerns

Expected Results: More organized public reporting about stormwater pollution concerns or complaints

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City will establish a publicized phone number for the purpose of reporting illicit discharges or other stormwater concerns from citizens.

STATUS: Citizens are directed to call the Public Works Department at 434-799-5245 to report concerns. This number is posted on the City's illicit discharge web page. Citizens are directed to call 911 in the event of an emergency or a large spill.

- The City will establish an email address for the purpose of reporting illicit discharges or other stormwater pollution concerns from citizens.

STATUS: Citizens are directed to email pubworks@ci.danville.va.us to report illicit discharge concerns. This email address is posted on the city's illicit discharge web page.

Illicit Discharge Detection and Elimination

Illicit Discharge Detection and Elimination

BMP 3.1: Illicit Discharge Detection and Elimination (IDDE) program administration

Existing: Program administration

Responsibility for Implementation: Public Works

BMP Objective: To provide foundation, guidance and direction for an IDDE Program

Expected Results: Foundation, guidance and direction for the IDDE Program

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- An audit of existing capabilities and needs will be performed.
STATUS: An audit of existing capabilities and needs revealed that the Danville Public Works Department has adequate resources to initiate investigation into the sources of identified illicit charges. The available resources include staff knowledge of drainage systems in the city, access to televising and observation equipment, access to GIS storm drain mapping, and archived maps and drawings with miscellaneous storm drain information.
- One program head and key support staff will be identified.
STATUS: The program head is Public Works Director Richard Drazenovich. Key support staff includes Streets Maintenance Director Steve Bohannon, storm drain maintenance supervisor Donnie McGuire, Project Engineer Mark Stephens, and Public Works Chief Engineer Brian Dunevant.
- The illicit discharge ordinance will be reviewed annually and modified as necessary.
STATUS: The illicit discharge ordinance continues to be reviewed annually. No modifications were suggested during this reporting term.
- A tracking and reporting system will be established.

STATUS: The program CityWorks is used to report and track illicit discharge incidents.

BMP 3.2: Outfall assessment (Dry Weather Screening Program)

Existing: Outfall identification numbers, outfall locations, outfall information

Responsibility for Implementation: Public Works

BMP Objective: To assess outfalls to determine if an illicit discharge has occurred or is occurring

Expected Results: Location of apparent illicit discharges

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Between 25% and 50% of the City's stormwater outfalls will be assessed every 12 months. The City currently has approximately 1,300 identified stormwater outfalls.
STATUS: More than 75% of all outfalls have been inspected since the program began (just over 25% this permit term).
- All outfall inspections will be documented with screening forms. A picture of each outfall will be taken. Each outfall will be identified with an identification number.
STATUS: Information is gathered on each outfall and recorded on a handheld device. Each outfall is tagged with its own identification number. The information from the device is transferred into the City's GIS system. Photos are also taken at each outfall for documentation purposes.
- Outfalls that have questionable discharges will be investigated.
STATUS: Any outfall that has a questionable discharge is documented for further investigation.

BMP 3.3: Preventing illicit discharges

Existing: Flier, website

Responsibility for Implementation: Public Works

BMP Objective: To prevent illicit discharges by citizens or businesses

Expected Results: Greater awareness of illicit discharges

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Information will be placed at various locations around the City concerning illicit discharges.

STATUS: Information is available at various locations concerning illicit discharges.

- Illicit discharge information will be posted on the City's website and the City government access channel bulletin board.

STATUS: Illicit discharge information has been posted on the City's website and periodically on River City TV.

BMP 3.4: Finding and fixing illicit discharges

Existing: Storm sewer maintenance crews

Responsibility for Implementation: Public Works

BMP Objective: Locate and correct apparent illicit discharges

Expected Results: Eradication of apparent illicit discharges

Implementation Schedule: currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All obvious illicit discharges will be removed.

STATUS: All obvious illicit discharges are removed upon discovery.

- Staff will be trained on techniques to find the source of illicit discharges.

STATUS: Storm sewer maintenance crews are educated about illicit discharges.

- Correct illicit discharges identified through field screenings or citizen complaints.

STATUS: Illicit discharges that are identified through field screenings or citizen complaints shall be investigated.

BMP 3.5: Storm sewer mapping

Existing: Storm sewer mapping

Responsibility for Implementation: Public Works

BMP Objective: To be able to locate and easily identify all storm sewer system lines and structures in the right-of-way

Expected Results: Quick location of storm sewer pipes and structures in case of emergency or illicit discharges

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Storm sewer mapping
STATUS: All known storm drain structures and pipes within the city's right-of-way have been located and mapped. This map is updated as new lines are installed or if additional features are discovered.

BMP 3.6: Sanitary sewer mapping

Existing: Sanitary sewer map

Responsibility for Implementation: Public Works

BMP Objective: To be able to locate and easily identify all sanitary sewer system lines and manholes

Expected Results: Quick location of manholes and sewer lines in case of emergency

Implementation Schedule: currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Mapping of the sanitary sewer system.
STATUS: The sanitary sewer system has been inventoried and mapped. The system includes over 8,700 sanitary sewer manholes and over 9,500 sanitary sewer lines. This map is updated as new lines or manholes are installed.

BMP 3.7: Urban Stormwater Quality Management and Discharge Control Ordinance

Existing: Ordinance (Chapter 9 /Article 5 / Division 7)

Responsibility for Implementation: Public Works

BMP Objective: To prohibit illicit discharges and provide enforcement procedures for violations

Expected Results: Legal framework to prohibit illicit discharges

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- This ordinance prohibits non-stormwater discharges into the storm sewer system. This ordinance also outlines actions that the City can take to correct a non-stormwater discharge as well as penalties that could be imposed.

STATUS: This ordinance continues to remain in effect.

BMP 3.8: Commercial car washes

Existing: Flier, ordinance (Section 9-179.24)

Responsibility for Implementation: Public Works

BMP Objective: To prohibit illicit discharges from commercial car washes

Expected Results: Elimination of commercial car wash illicit discharges

Implementation Schedule: currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All known commercial car washes in the City of Danville will be inspected to determine their method of discharge.

STATUS: All known commercial car washes have been observed. Car washes will continue to be periodically

observed to ensure that they do not discharge washwaters to a storm drain system.

- Any car wash not discharging wash waters properly (discharging directly to surface waters or storm drains without a VPDES Permit) will be notified about the violation and given a reasonable time to correct before enforcement actions begin.

STATUS: This policy continues to remain in effect. No violations were observed during this permit term.

- Any potential new car washes must get zoning approval, which includes an evaluation of the method of wastewater discharge.

STATUS: This policy continues to remain in effect.

BMP 3.9: Illegal dumping / accumulated waste ordinance

Existing: Ordinance (Chapter 17), two code enforcement inspectors

Responsibility for Implementation: Public Works

BMP Objective: To prohibit illicit discharges and provide enforcement procedures for violations

Expected Results: Reduction of accumulated waste and illegal dumping

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Any illegal dumps that are discovered are removed. All illegal dump cases will be documented.

STATUS: Illegal dumps are treated as accumulated waste cases and are tracked accordingly. The City utilizes two code enforcement inspectors. All cases are documented in City Works.

- Signs shall be placed in areas susceptible to illegal dumping.

STATUS: Signs continue to be placed and maintained in areas susceptible to illegal dumping.

- All accumulated waste cases will be documented.

STATUS: All accumulated waste cases continue to be documented in City Works.

BMP 3.10: Septic system not allowed in lieu of sanitary connection

Existing: Ordinance (Section 34-7)

Responsibility for Implementation: Community Development (Inspections)

BMP Objective: To prohibit the installation of a new septic tank where sanitary sewer is available

Expected Results: Less infiltration of wastewater from private septic systems into the environment

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Continued enforcement of the City code that does not allow the repair of existing septic systems or the installation of new septic systems in areas that are served by the sanitary sewer system or where sanitary sewer is within 300 ft of the property line.

STATUS: This code continues to remain in effect and enforced as stated.

- Any new septic systems that are allowed to be installed or any septic systems that are repaired must be inspected by the Pittsylvania County Department of Health.

STATUS: The Pittsylvania County Department of Health continues to make inspection of new septic tank systems and repairs to existing septic tanks located within the City of Danville.

BMP 3.11: Reduce potential for sanitary sewer overflows

Existing: Policy, ordinance, sanitary sewer maintenance crews, flushers, cameras, other equipment

Responsibility for Implementation: Public Works

BMP Objective: To reduce the risk of sanitary sewer overflows

Expected Results: Reduced potential of sanitary sewer overflows

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City of Danville maintains over 330 miles of sanitary sewer lines. All sanitary sewers are routinely flushed and checked to make sure they are flowing freely at least once every two years.

STATUS: The City continues to perform regular maintenance on all sanitary sewer lines by flushing, smoke tests, and televising when necessary.

- Sanitary sewer lining and reconstruction projects done each year will be tracked.

STATUS: There were 2 sanitary sewer reconstruction projects initiated during this permit term that replaced approximately 5,500 linear foot of sanitary sewer.

- Lockdown waterproof tops are now required on all new sanitary sewer manholes on an outfall.

STATUS: Lockdown tops are required on all new sanitary manholes on an outfall.

- The City Ordinance shall prohibit stormwater connections to the sanitary sewer system unless the Control Authority grants permission in writing.

STATUS: This ordinance continues to remain in effect.

- All sanitary sewer overflows are documented and reported to the Department of Environmental Quality. The cause of the overflow is determined and recorded.

STATUS: There were 5 discovered sanitary sewer overflows during this reporting period. The overflows were documented and reported to the Department of Environmental Quality. Additional information is included at the end of this section.

BMP 3.12: Inoperative / Abandoned Vehicles

Existing: Ordinance (Chapter 21)

Responsibility for Implementation: Public Works

BMP Objective: To prohibit illicit discharges from inoperative vehicles

Expected Results: Fewer inoperative and abandoned vehicles exposed to the environment

Implementation Schedule: currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Any abandoned or inoperative vehicle that is not meeting the requirements of the aforementioned code chapter shall be impounded.

STATUS: This program continues to be implemented and enforced.

BMP 3.13: Hazardous Materials Response Team

Existing: Hazardous Materials Response Team

Responsibility for Implementation: Fire Department

BMP Objective: To control hazardous discharges in an offensive manner

Expected Results: The control of hazardous discharges

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The Hazardous Materials Response Team is trained and equipped to work in hazardous environments in an offensive manner to stop the flow of hazardous materials.

STATUS: The Hazardous Materials Response Team continues to train and is prepared to respond in the event of a spill.

- The Department of Environmental Quality is notified when the Haz-Mat team responds to the discharge of hazardous substances.

STATUS: The Hazardous Materials Response Team will continue to notify DEQ in the event of a hazardous spill.

- All incidents that the Haz-Mat team responds to are documented.

STATUS: The Hazardous Materials Response Team continues to document all incidents that require their response.

BMP 3.14: Establish a tracking and reporting system for illicit discharges

Existing: City Works

Responsibility for Implementation: Public Works

BMP Objective: To better organize reported or discovered illicit discharges

Expected Results: Better organization of reported or discovered illicit discharges

Implementation Schedule: Implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- A tracking and reporting system will be established. Information will be submitted in accordance with Section II E 3.

STATUS: The program City Works has an illicit discharge tracking component that is used by Public Works for any illicit discharges or spills. The program City Works is also used by Maintenance Code personnel for illicit discharges discovered on private property.

BMP 3.15: Notification of downstream-regulated MS4

Existing: Notifications

Responsibility for Implementation: Public Works

BMP Objective: To notify any downstream MS4

Expected Results: Notification of downstream MS4

Implementation Schedule: Completed

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Danville Community College, which is a regulated small MS4 that receives discharge from the Danville MS4, will be notified in writing.

STATUS: Danville Community College has been notified in writing that they receive discharge from the City of Danville's MS4.

- The Virginia Department of Transportation (VDOT), which is a regulated MS4 that receives discharge from the Danville MS4, will be notified in writing.

STATUS: VDOT has been notified in writing that they receive discharge from the City of Danville's MS4.

Sanitary Sewer System Overflows

Date	Location	Probable Cause
11/18/2013	Upstream of Country Club Pump Station	grease and paper towels
12/17/2013	Upstream of Country Club Pump Station	paper towels
2/28/2014	Rutledge Creek at Southern Hills Golf Course	grease in line
3/31/2014	Southside Wastewater Facility decant wetwell	malfunction of the liquid level controller
5/26/2014	Southern Hills Golf Course	cracked sewer line

Construction Site Stormwater Runoff Control

Construction Site Stormwater Runoff Control

BMP 4.1: Erosion and Sediment Control Ordinance (compliance)

Existing: Erosion and Sediment Control Ordinance

Responsibility for Implementation: Public Works

BMP Objective: Establish requirements for erosion and sediment controls and establish penalties for non-compliance

Expected Results: Compliance with ESC requirements

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Danville's Erosion and Sediment Control ordinance shall require that a Land Disturbance Permit be issued and erosion and sediment controls be implemented for applicable projects greater than 5,000 sf of disturbance.

STATUS: This ordinance remains in effect as stated.

- This ordinance has sanctions to ensure compliance.

STATUS: Sanctions continue to be included in the ordinance.

BMP 4.2: Erosion and Sediment Control Ordinance (implementation of ESC BMPs)

Existing: Erosion and Sediment Control Ordinance

Responsibility for Implementation: Public Works

BMP Objective: Establish requirements for erosion and sediment controls and establish penalties for non-compliance

Expected Results: Compliance with ESC requirements

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The Erosion and Sediment Control Ordinance shall require implementation of appropriate erosion and sediment control best management practices as part of an erosion and sediment control plan that is consistent with the Erosion and Sediment Control Law and attendant regulations and other applicable requirements of state, tribal, or local law.

STATUS: This ordinance remains in effect as stated.

BMP 4.3: Encouraging designs that replicate predevelopment runoff characteristics and site hydrology

Existing: Website information

Responsibility for Implementation: Public Works

BMP Objective: Encouragement of low impact development

Expected Results: Consideration of low impact development by plan designers

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The city will encourage the use of structural and nonstructural design techniques to create a development design that has the goal of maintaining or replicating predevelopment runoff characteristics and site hydrology via its stormwater webpage.

STATUS: The City encourages the use of structural and nonstructural design techniques on the stormwater webpage.

BMP 4.4: Requirement to secure VSMP prior to issuance of the Land Disturbance Permit

Existing: Erosion and Sediment Control Ordinance (VSMP requirement)

Responsibility for Implementation: Public Works

BMP Objective: Ensure that the VSMP permit is obtained for applicable projects

Expected Results: Compliance with VSMP requirements

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City of Danville's Erosion and Sediment Control ordinance shall require that the VSMP permit be obtained for applicable projects as a prerequisite to the issuance of the Land Disturbance Permit.

STATUS: This ordinance remains in effect.

BMP 4.5: Procedural Flow Chart (construction)

Existing: Flow Chart

Responsibility for Implementation: Public Works

BMP Objective: To establish procedures to consider information submitted by the public concerning land-disturbing projects.

Expected Results: Consistent evaluation of submitted information

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The flow chart shall be established to outline the procedures for receipt and consideration of information submitted by the public concerning land disturbing projects.

STATUS: A flow chart has been established which indicates how submitted information is considered.

BMP 4.6: Certified plan reviewers, inspectors and program administrators

Existing: Certification for plan reviewers, inspectors, and program administrators

Responsibility for Implementation: Public Works

BMP Objective: Certifications for personnel as required under Erosion and Sediment Control Law

Expected Results: Compliance with certification requirements

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All plan reviewers, inspectors and program administrators for the City of Danville shall be certified by the Department of Environmental Quality (DEQ) as required by the Erosion and Sediment Control Law.

STATUS: All required personnel continue to be certified by the appropriate state agency.

BMP 4.7: Responsible Land Disturber (RLD) required

Existing: Erosion and Sediment Control Ordinance

Responsibility for Implementation: Public Works

BMP Objective: To make sure all applicable regulated land disturbing activities have an RLD listed for the project

Expected Results: Compliance with the ESC regulations

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All applicable projects shall be required to have a certified Responsible Land Disturber associated with the project as required under the Erosion and Sediment Control Law.

STATUS: Responsible Land Disturber information is submitted to the city before a Land Disturbance Permit for a commercial project is issued.

BMP 4.8: Land Disturbance Permit Information

Existing: Erosion and Sediment Control Log

Responsibility for Implementation: Public Works

BMP Objective: To track information related to regulated land disturbing activities

Expected Results: Organization of Land Disturbance Permit information

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All Land Disturbance permits issued will be tracked monthly.
STATUS: All Land Disturbance Permit information is documented and sent to the DEQ district representative via email each month.
- The disturbed area for each permit will be tracked.
STATUS: The disturbed area is listed on each Land Disturbance Permit and is recorded in the city's permitting system.
- Information will be submitted with each annual report.
STATUS: Land Disturbance information for this reporting period is included in this annual report under "Report Information".

BMP 4.9: Alternative Inspection Program (AIP)

Existing: Approved AIP

Responsibility for Implementation: Public Works

BMP Objective: To place emphasis on Land Disturbing projects that are larger or more complex

Expected Results: Better use of resources for inspecting permitted land-disturbing projects

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City shall implement the DCR approved AIP.
STATUS: The DCR approved AIP is currently implemented.

**Post-Construction
Stormwater Management
in
New Development / Redevelopment**

Post–Construction Stormwater Management in New Development/Redevelopment

BMP 5.1: Required compliance with the VSMP permit

Existing: Urban Stormwater Quality Discharge Control Ordinance

Responsibility for Implementation: Public Works

BMP Objective: To require appropriate post-construction stormwater BMPs

Expected Results: Reduced post-construction water quality impacts for applicable projects

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The city shall require compliance with the water quality portion of the VSMP permit for applicable projects.

STATUS: This requirement remains in effect as stated.

- Applicable projects shall not be approved until water quality requirements are met.

STATUS: Designers or applicants are notified if the project does not meet water quality requirements and plans are rejected. Revised plans are reviewed for compliance.

BMP 5.2: Strategies for post-construction stormwater BMPs

Existing: Information on the city's website

Responsibility for Implementation: Public Works

BMP Objective: To encourage owners and developers to consider alternative designs for post construction BMPs

Expected Results: Greater awareness by owners and developers concerning structural and non-structural post construction BMPs

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City will encourage the use of structural and nonstructural BMPs appropriate for Danville via literature and/or the City's website.

STATUS: Information is available on the city's website encouraging the use of structural and nonstructural BMPs.

BMP 5.3: Encouraging designs that replicate predevelopment runoff characteristics and site hydrology

Existing: Information on the city's website

Responsibility for Implementation: Public Works

BMP Objective: Encouragement of Low Impact Development

Expected Results: Consideration of Low Impact Development

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The city will encourage the use of structural and nonstructural design techniques to create a design that has the goal of maintaining or replicating predevelopment runoff characteristics and site hydrology via literature and/or the stormwater web page.

STATUS: The city encourages the use of structural and nonstructural design techniques on its stormwater webpage.

BMP 5.4: Urban Stormwater Quality Discharge Control Ordinance

Existing: Urban Stormwater Quality Discharge Control Ordinance

Responsibility for Implementation: Public Works

BMP Objective: Reduction of post construction stormwater pollutants

Expected Results: Reduction of post construction stormwater pollutants

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: The ordinance will be reviewed annually and updated as necessary

Measurable Goals and Status of each Goal:

- The Urban Stormwater Quality Discharge Control Ordinance requires the control and reduction of stormwater pollutants for new development and redevelopment projects. The ordinance also requires compliance with the construction NPDES permit. (§9-179.27, §9-179.28)

STATUS: This ordinance continues to be in effect as stated.

- This ordinance will be reviewed annually and updated as necessary.

STATUS: The ordinance is reviewed annually. No updates were made during this reporting term.

BMP 5.5: Requirement to secure VSMP Construction Permit prior to issuance of the Land Disturbance Permit

Existing: Erosion and Sediment Control Ordinance (VSMP requirement)

Responsibility for Implementation: Public Works

BMP Objective: Ensure that the VSMP permit is obtained for applicable projects

Expected Results: Compliance with VSMP requirements

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City of Danville's Erosion and Sediment Control Ordinance shall require that a copy of the registration statement for the VPDES construction permit be submitted to the city for applicable projects as a prerequisite to the issuance of the Land Disturbance Permit. (§13-26)

STATUS: This ordinance continues to be in effect as stated.

BMP 5.6: Permanent post construction BMP Maintenance Agreement

Existing: BMP Maintenance Agreement

Responsibility for Implementation: Public Works

BMP Objective: Require owners to commit to maintaining post construction stormwater BMPs

Expected Results: Regular maintenance of post construction stormwater BMPs

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- The City shall require that a maintenance agreement be executed for all permanent post-construction BMPs prior to plan approval.

STATUS: The City continues to require the execution of a Stormwater Facility Maintenance Agreement before a plan is approved.

BMP 5.7: Draft new regulations requiring inspection schedule from owners

Existing: Maintenance agreement

Responsibility for Implementation: Public Works

BMP Objective: Better maintenance of post construction BMPs

Expected Results: Better maintenance of post construction BMPs

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- New regulations will be drafted to require owners to develop a recorded inspection schedule for all proposed permanent post construction stormwater BMPs.

STATUS: The new VSMP ordinance was submitted to City Council and passed in June 2014. The new ordinance

requires the city to establish an inspection program to enforce maintenance of all stormwater BMPs within the city.

BMP 5.8: Draft new ordinance or modify existing maintenance agreement for enforcement of maintenance responsibilities by the owner

Existing: Maintenance agreement

Responsibility for Implementation: Public Works

BMP Objective: To provide enforcement mechanism for owners of post construction BMPs that are not being maintained

Expected Results: Better maintenance of post construction BMPs

Implementation Schedule: Complete

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- An ordinance will be drafted and/or the existing maintenance agreement modified to insert a mechanism for enforcement of maintenance responsibilities by the owner if the BMP fails to be maintained as required.

STATUS: The new VSMP ordinance was submitted to City Council and passed in June 2014. The new ordinance requires the city to establish an inspection program to enforce maintenance of all stormwater BMPs within the city.

BMP 5.9: Draft new ordinance for site inspection and enforcement measures for post-construction stormwater BMPs

Existing: Maintenance agreement

Responsibility for Implementation: Public Works

BMP Objective: To provide enforcement mechanism for owners of post construction BMPs that are not being maintained

Expected Results: Better maintenance of post construction BMPs

Implementation Schedule: Complete

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- An ordinance will be drafted to address site inspection and enforcement measures for post-construction stormwater BMPs. The ordinance will be consistent with the Virginia Stormwater Management Act, 4VAC50-60-150 of the VSMP Permit Regulations, and other attendant regulations.

STATUS: The new VSMP ordinance was submitted to City Council and passed in June 2014. The new ordinance requires the city to establish an inspection program to enforce maintenance of all stormwater BMPs within the city.

BMP 5.10: Tracking of all known permanent stormwater management facilities

Existing: GIS Stormwater BMP layer

Responsibility for Implementation: Public Works

BMP Objective: Better organization of information concerning post construction stormwater BMPs located in the City of Danville

Expected Results: Better organization of information concerning post construction stormwater BMPs located in the City of Danville

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All known permanent stormwater management facilities within the City will be tracked. For each facility, the following information will be documented: type of structural stormwater management facility, geographic location (HUC), the impaired surface water that the stormwater management facility is discharging into (if applicable), and the number of acres treated.

STATUS: BMPs put into service this report period are listed in the "Report Information" section. The city is also working on updating its GIS BMP layer to include more information concerning BMPs.

Pollution Prevention and Good Housekeeping for Municipal Operations

Pollution Prevention/Good Housekeeping for Municipal Operations

BMP 6.1: Operation and maintenance procedures for municipal facilities, operations, and activities for stormwater pollution prevention

Existing: Operation and Maintenance Plan

Responsibility for Implementation: All applicable city departments.

BMP Objective: To provide a comprehensive operation and maintenance plan with standard operation procedures for each listed Department for certain operations

Expected Results: Organized operating procedures for each department to minimize or prevent stormwater pollution that may result from municipal activities

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Operation and maintenance procedures will be established to address stormwater pollution prevention from municipal operations.

STATUS: An Operations and Plan has been developed.

- The Operations and Maintenance Plan will include housekeeping procedures.

STATUS: Housekeeping procedures are included in the Operations and Maintenance plan.

BMP 6.2: Municipal services that reduce stormwater pollution

Existing: Policies and services

Responsibility for Implementation: Public Works

BMP Objective: To provide services to remove and properly dispose of waste

Expected Results: Less stormwater pollution from listed items

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Dead animal pickup – Public Works shall remove and dispose of dead animals from the right of way including deceased pets.

STATUS: The Danville Public Works Department continues to provide this dead animal pickup service. On average, 600 dead animals are removed from the right-of-way each year.

Recycling – Public Works shall administer a recycling service.

STATUS: The City has several recycling centers. Public Works is responsible for emptying containers from the recycling centers to a warehouse in South Boston. Since 1992, the City of Danville has met the Virginia State mandated 25% recycling rate each year.

- Yard Waste Collection – Public Works shall administer a service to collect yard waste.

STATUS: The Yard Waste Section of the Sanitation Division is responsible for collecting yard waste debris from 17,000 homes per week. Approximately 7,500 tons of yard waste is collected and disposed of at the compost facility annually.

- Leaf Collection – Public Works shall provide means for the collection and disposal of leaves from residents.

STATUS: The city provides leaf collection service for citizens from October 1 to January 30 each year. An average of 2,500 tons of leaves are collected and disposed of at the compost/mulch facility during leaf collection season.

- Refuse collection – Public Works shall administer a refuse collection service.

STATUS: The Sanitation Division is responsible for collection of household garbage and bulk debris from 17,000 homes per week. 16,000 tons of refuse is collected and disposed of annually. The refuse is disposed of by First Piedmont.

- Litter collection – Public Works shall administer a program for litter collection in the right-of-way.

STATUS: Three litter crews are responsible for keeping the primary thoroughfares litter free. Over 8,000 bags of litter are collected each year.

BMP 6.3: Municipal operations to reduce stormwater pollution

Existing: Street sweeping and storm drain cleaning

Responsibility for Implementation: Public Works

BMP Objective: Cleaner streets and cleaner storm drains

Expected Results: Cleaner streets and cleaner storm drains

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Street Sweeping – The city will provide routine sweeping and cleaning of high traffic areas throughout the City where accumulations of debris occur so that the impact on stormwater systems is minimized. This includes the cleaning of all gutters, turning lanes, and underpasses located in the City.

STATUS: The Danville Public Works Department has a street sweeping program to perform this task using three street sweeper shifts.

- Storm drain cleaning – Storm drains shall be cleaned on a complaint basis and by visual observation.

STATUS: The Danville Public Works Department continues to perform storm drain cleaning within the right of way and on outfalls located on private property when those outfalls can affect the City's drainage system.

BMP 6.3a: Municipal pollution prevention training

Existing: Videos, handouts, newsletter articles

Responsibility for Implementation: Various departments

BMP Objective: More information to municipal employees about stormwater pollution prevention

Expected Results: Reduced stormwater pollution from municipal activities

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals:

- All applicable city employees will be given stormwater pollution prevention training using video, presentations, handouts, or other forms of communication.

STATUS: Applicable City employees are trained using various methods including video and informational handouts.

BMP 6.4: Elimination of illicit discharges from municipal facilities to the maximum extent practicable

Existing: Facility inspections

Responsibility for Implementation: Applicable departments

BMP Objective: Elimination of illicit discharges from municipal facilities

Expected Results: Elimination of illicit discharges from municipal facilities

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: Routine inspections

Measurable Goals and Status of each Goal:

- All municipal facilities will be inspected to insure that there are no illicit discharges occurring from these facilities. All inspections will be documented and any illicit discharges that are discovered will be documented and corrected.

STATUS: Several facilities have been inspected and no illicit discharges have been discovered. Inspections will continue to be scheduled.

- All applicable employees shall be educated about illicit discharges from municipal facilities.

STATUS: Training of applicable employees provides education concerning illicit discharges.

- Vehicles and equipment will be washed in a designated wash bay or other designated wash areas.

STATUS: Employees continue to be instructed to wash vehicles and equipment in designated wash areas when practical.

- Vehicles and equipment maintenance and repairs shall be performed indoors when possible.
STATUS: Employees continue to be instructed to perform vehicle and equipment maintenance and repairs indoors when practical.

BMP 6.5: Proper disposal of waste materials from municipal operations

Existing: Disposal methods

Responsibility for Implementation: All applicable departments

BMP Objective: Proper disposal of waste

Expected Results: Proper disposal of waste

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- All waste materials from municipal operations shall be disposed of properly.
STATUS: Employees are instructed to properly dispose of all waste materials.
- The following waste materials from municipal operations shall be recycled: used motor oil, used hydraulic fluid, used batteries, used antifreeze, tires, metal.
STATUS: The aforementioned waste materials continue to be recycled.
- All applicable employees shall be informed about proper waste disposal.
STATUS: All applicable employees are informed about proper waste disposal.

BMP 6.6: Protection of soluble or erodible materials from exposure to precipitation

Existing: Policy

Responsibility for Implementation: All applicable departments

BMP Objective: Protection of soluble or erodible materials from exposure to precipitation

Expected Results: Protection of soluble or erodible materials from exposure to precipitation

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Road salt for winter operations shall be stored in the salt dome.

STATUS: Road salt continues to be stored in the salt dome.

- Sand for winter operations shall be stored in the sand dome.

STATUS: A new dome was constructed to store sand used for winter operations.

- Oils, grease, and other maintenance fluids will be stored in lidded containers.

STATUS: All maintenance fluids are stored in lidded containers and are stored indoors when practical.

- Exposure of other materials to the environment that are soluble or erodible will be minimized to the maximum extent practicable.

STATUS: Materials that are soluble or erodible have minimum exposure to the environment to the maximum extent practicable.

- All applicable employees shall be educated about proper storage of erodible and soluble materials.

STATUS: All applicable employees continue to be educated concerning the proper storage of materials.

BMP 6.7: Application of materials in accordance with manufacturer's recommendation or other recommendations

Existing: Training

Responsibility for Implementation: All applicable departments

BMP Objective: To insure proper application of materials that could pollute receiving surface waters

Expected Results: No excess materials will be applied

Implementation Schedule: Currently implemented

Evaluation of Effectiveness: This BMP will be reviewed annually and revised as necessary.

Measurable Goals and Status of each Goal:

- Pesticide training and certification - all applicable municipal employees shall be trained and certified in the application of pesticides.

STATUS: All applicable employees are trained and certified in the application of pesticides.

- Fertilizer application – all applicable municipal employees shall be trained in the proper application of fertilizers.

STATUS: All applicable employees are trained on the proper application of fertilizers.

- Road salt application - all applicable municipal employees shall be trained on the proper application rates of road salt from spreaders.

STATUS: All applicable employees are trained on the proper application rates of road salt.